

BEST AVAILABLE COPY**REMARKS****Present Status of the Application**

Upon entry of the amendments in this response, claims 1-7 are pending, of which claims 1, 2, and 4 have been amended and new claim 7 has been added. Claims 1 and 4-6 are rejected under 35 U.S.C. 102. In addition, claims 2-3 are objected to as being dependent upon a rejected base claim, but would be allowable if written in independent form including all of the limitations of the base claim and any intervening claims.

It is believed that no new matter adds by way of amendments made to the claims. For at least the reasons set forth below, applicants respectfully submit that claims 1-7 patently define over prior art of record and reconsideration of this application is respectfully requested.

Discussion for objection to claim because of informalities

Claim 2 is objected because of the following informalities:

Line 6, "said" (third occurrence) should be deleted.

Applicants appreciate that the examiner pointed out the informalities. In response thereto, the claim 2 is amended as suggested by the examiner.

Discussion for objection to claims Under 35 U.S.C. 102 (e)

Claims 1 and 4-6 are rejected under 35 U.S.C. 103 (e) as being anticipated by Chung et al. (Pub. No.: 2003/0151601 A1).

Applicant has amended independent claims 1 and 4 to more clearly define the invention. On page 6, paragraph [0025], lines 16-19, the specification discloses "the brightness control pulse signal Con has a duty cycle or frequency varying in a predetermined range so that the brightness control pulse signal Con would not interfere with the vertical and horizontal scan signals." Therefore, the independent claims 1 and 4 are amended to clarify that "said brightness control signal drives the fluorescent lamp so that back light signals generated by the fluorescent lamp have the same frequency as vertical scanning signals and horizontal scanning signals".

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From the "ABSTRACT" and Figs. 6-11, invention motives and functionalities of Chung are that the burst mode inverter can generate an AC PWM signal with frequency that is 2 and 3 times the system's frame frequency so that brightness generated by the fluorescent lamp is more uniform and more stable. However, from pages 3, lines 3-4 and 13-16, invention motives of the present application are to eliminate the so-called "fan effect" caused by the frequency difference between the back light signal generated by the fluorescent lamp when driven by the brightness control signal and the video scan signal. As such, functionalities of the present application are to eliminate "ripples" on the display that is resulted from the so-called "fan effect." Accordingly, invention motives and functionalities of the present application are distinct from those of Chung.

Furthermore, Chung fails to teach, suggest or disclose "brightness control signal drives the fluorescent lamp so that back light signals generated by the fluorescent lamp have the same frequency as vertical scanning signals and horizontal scanning signals" as recited in the amended claims 1 and 4. In view of the foregoing discussions, the independent claims 1 and 4 can not be anticipated by Chung.

For at least the same reasons discussed above, claims 5 and 6, which depend on claim 4, are not anticipated either.

Allowable Subject Matter

The Examiner is thanked for pointing out that claims 2-3 contain allowable subject matter. Applicant has added new claim 7 which contains all of the limitations of original claims 1 and 2. Therefore, claim 7 is allowable.

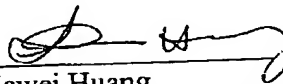
CONCLUSION

For at least the foregoing reasons, it is believed that all the pending claims 1-7 of the present application patently define over the prior art and are in proper condition for allowance. Reconsideration of the amended claims and withdrawal of the rejections to the claims are respectfully requested. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

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Respectfully submitted,
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